

„GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IASI  
 FACULTY OF AUTOMATIC CONTROL AND COMPUTER ENGINEERING  
 Major: *Systems Engineering*  
 Specialization: *Systems and Control*  
 Conferred title: *Master*  
 Study duration: 4 *semesters*  
 Form of education: *full-time*

## CURRICULUM

YEAR 2

2015/2016

	No.	Course name	Course code	Course type	Cond.	Semester 1						Semester 2							
						No of hours / week / course					Final eval.	K	No of hours / week / course					Final eval.	K
						C	S	L	P	SI*			C	S	L	P	SI*		
DI	1	Project management	AMS201	DS		2	0	0	2	10	C	8							
DO	2	OP3				2	0	1	0	11	E	8							
	3	OP4				2	0	1	0	11	E	8							
	4	OP5				2	0	1	1	6	C	6							
	5	Research for master's thesis	AMS208	DS									0	0	0	14	37	E	30
<b>Number of hours per week, number of evaluations and credits per semester for compulsory (DI) and elective (DO) courses</b>						8	0	3	3	38	2E 2C	30	0	0	0	14	37	1E	30
						14					14								

Elective course	Control Systems	Course code	Course type	Cond.	Intelligent Systems	Course code	Course type	Cond.
OP3	Fault detection and diagnosis	AMS202	DS		PLC-based process automation	AMS203	DS	
OP4	Visual servoing control systems	AMS204	DA		Data mining: practical tools and techniques	AMS205	DA	
OP5	Modeling and predictive control	AMS206	DS		Modeling and design of robot systems	AMS207	DS	

\* Hours of individual study (SI) are calculated as average/week/year, by the credit points of the subjects (24 hours per credit point); exam sessions are also considered.

**RECTOR,**

Prof.univ.dr.ing. Ion Giurma

**DECAN,**

Prof.univ.dr.ing. Corneliu Lazăr

**DIRECTOR DEPARTAMENT,**

Conf.univ.dr.ing. Mihai Postolache